

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (currently amended): A method for arranging conducting lines of a flexible cable in an
5 optical disk drive, the flexible cable used between a first circuit board and a second circuit
board, the method comprising:

generating a control signal for the optical disk drive, a switch circuit located on the
first circuit board and being controlled by an input signal to generate the control signal,
wherein when the input signal turns the switch circuit on, the control signal has a first
10 voltage level, and when the input signal turns the switch circuit off, the control signal has
a second voltage level;

transmitting the control signal from a first node on the first circuit board to a second
node on the second circuit board through a conducting line of the flexible cable;

connecting a pin of a first control chip located on the first circuit board to the first
15 node for receiving the control signal; and

connecting a pin of a second control chip located on the second circuit board to the
second node for receiving the control signal, wherein the first control chip and the second
control chip are controlled by the same control signal.

~~connecting a signal of the first circuit board to a first node;~~
20 ~~providing a plurality of control chips and selecting a pin from each control chip;~~
~~connecting a second node of the second circuit board to the selected pins of the~~
~~control chips; and~~

~~connecting the first node to the second node through a conducting line of a flexible~~
~~cable.~~

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2 (original): The method of claim 1 wherein the optical disk drive is a slim-type optical
disk drive.

3 (cancelled).

4 (currently amended): A method for arranging conducting lines of a flexible cable in an
5 optical disk drive, the flexible cable used between a first circuit board and a second circuit
board, the method comprising:

generating a control signal for the optical disk drive, a switch circuit located on the
first circuit board and being controlled by an input signal to generate the control signal,
wherein when the input signal turns the switch circuit on, the control signal has a first
10 voltage level, and when the input signal turns the switch circuit off, the control signal has
a second voltage level;

transmitting the control signal from a first node on the first circuit board to a second
node on the second circuit board through a conducting line of the flexible cable;

connecting a pin of a first control chip located on the first circuit board to the first
15 node for receiving the control signal;

connecting an input of a NOT gate to the second node; and

connecting a pin of a second control chip located on the second circuit board to an
output of the NOT gate for receiving a logical inverse of the control signal.

~~connecting a signal of the first circuit board to a first node;~~

20 ~~connecting the first node to a second node of the second circuit board through a~~
~~conducting line of a flexible cable;~~

~~providing a plurality of control chips and selecting a pin from each control chip;~~

~~disposing at least one NOT gate on the second circuit board, the input of the NOT~~
~~gate being connected to the second node; and~~

25 ~~connecting the selected pins of the control chips to the second node or to the output~~
~~of the NOT gate.~~

5 (original): The method of claim 4 wherein the optical disk drive is a slim-type optical

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disk drive.

6 (cancelled).